

# Power wire brushes

## Unthreaded knot wheel brushes



PFERD offers a range of unthreaded and threaded knot wheel brushes for use in all industries. We also offer a wide range of stringer bead wheels specially designed for use in the pipeline industry.

### Knot wheel brushes

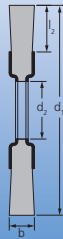
- COMBITWIST® alternating-knot style available for most efficient brushing action.
- Superior rotational balance reduces operator fatigue and improves brush life.
- Patented TWIN-NUT style stringer bead wheels available for aggressive brushing and longer tool life.

- J-BEVEL encapsulated stringer bead wheels available for use with automatic welding equipment.

### Application guidelines

- The tighter the knot, the more aggressive the brushing action. See page 13 for detailed information on various knot styles.
- Recommended for bench/pedestal grinders
- For additional operating guidelines, please see page 15-16.

### Standard twist, single row, standard flag



EDP 81666


Standard twist knot wheel brushes feature knots that are twisted approximately 75% of the length of the trim. The loosely-twisted knots cover a larger surface area and are ideal for heavy-duty cleaning and surface conditioning. For weld cleaning, weld spatter removal, scale removal, cleaning, deburring, and flash removal.

### Ordering note

All wheels with 1-1/4" arbor holes include 1/4" x 1/8" keyways. All wheels with 2" arbor hole include 1/2" x 1/4" keyways.

Made in the USA.



Dia. d <sub>1</sub> [Inches]	Arbor hole d <sub>2</sub> [Inches]	No. of knots	Trim length l <sub>1</sub> [Inches]	Face width b [Inches]	Width on arbor [Inches]	Incl. adapter [Inches]	Wire diameter and EDP number					Recom. speed [RPM]	MSFS max. [RPM]	Adapter style		
							.012	.014	.016	.020	.023					
<b>Carbon steel wire</b>																
3	1/2	18	5/8	1/2	7/16	3/8	81650	81651	-	81652	-	12,500 - 18,700	25,000	F	10	
3-1/4	1/2	20	3/4	1/2	7/16	3/8	-	81654	-	-	-	12,500 - 18,700	25,000	F	10	
4	1/2	22	3/4	5/8	7/16	3/8	81656	81657 <b>P</b>	-	81658	-	10,000 - 15,000	20,000	F	10/5	
4	5/8	22	3/4	5/8	7/16	1/2	-	81660	-	-	-	10,000 - 15,000	20,000	F	10	
6	5/8	32	1-1/8	5/8	9/16	1/2	81665	81666 <b>P</b>	81667 <b>P</b>	-	81668	4,500 - 6,500	9,000	F	10/5	
7	5/8	32	1-5/8	5/8	9/16	-	-	81694	-	-	-	4,500 - 6,500	9,000	-	2	
8	5/8	42	1-5/8	5/8	5/8	-	81702	81703	81704 <b>P</b>	-	81706	3,500 - 5,000	7,000	-	2/5	
8	3/4	42	1-5/8	5/8	5/8	-	-	81698	-	-	-	3,500 - 5,000	7,000	-	2	
8	1-1/4	42	1-1/8	5/8	5/8	-	-	81708	-	-	81711	3,500 - 5,000	7,000	H	2	
10	3/4	50	2-1/8	3/4	5/8	-	-	81723	-	-	-	2,500 - 4,000	5,400	-	2	
10	1-1/4	50	2-1/8	3/4	5/8	-	81727	81728	81729	-	-	2,500 - 4,000	5,400	H	2	
12	2	60	2	3/4	5/8	-	-	-	-	-	81766	2,000 - 3,000	4,500	-	2	
15	1-1/4	60	3-1/2	7/8	5/8	-	-	-	81773	-	-	1,500 - 2,500	3,600	-	2	
<b>Stainless steel wire (INOX)</b>																
3	1/2	18	3/4	7/16	7/16	3/8	81800	81801	-	-	-	10,000 - 16,000	25,000	F	10	
4	1/2	22	3/4	5/8	7/16	3/8	81806	81807 <b>P</b>	-	81808	-	8,000 - 13,000	20,000	F	10/5	
4	5/8	22	3/4	5/8	7/16	1/2	-	81810	-	-	-	8,000 - 13,000	20,000	F	10	
6	5/8	32	1-1/8	5/8	9/16	1/2	-	-	81816	-	-	3,500 - 5,500	9,000	F	10	
8	5/8	42	1-5/8	5/8	5/8	-	81829	-	81830	-	-	2,500 - 4,500	7,000	-	2	



Brushes available in POP packaging are marked with a "P" in this catalogue. To order brushes in POP versions, please add a "P" to the end of the EDP number.

The minimum order quantity of POP items is printed in "blue" accordingly.